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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE RECEIVED

SEP 17 2002

Applicant: Philip J. Lin)

For: Signal Interconnect Incorporating)
Multiple Modular Units)

Serial No.: 09/808,331)

Filed: March 14, 2001)

Examiner: Kaveh C. Kianni)

Art Unit: 2877)

Docket No. 8378/86318)

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Rauna K. Lieber
Aug 27, 2002
(Date)

**RESPONSE TO RESTRICTION REQUIREMENT
AND PRELIMINARY AMENDMENT**

Hon. Comm. For Patents

Washington, D.C. 20231

Sir:

This is in response to the Restriction Requirement of July 16, 2002.

Please cancel pending claims 1-40 and 45-56 without prejudice.

Please amend claim 41 as follows:

41. (Amended) A signal coupling network for coupling any one of N1 inputs to any one

a of N2 outputs comprising:

a plurality of substantially identical, static, KxK signal interconnect modules
wherein each contains K^2 input lines, where $K < N1$, and couples them to K^2 output lines.

Please add the following new claims:

--57. A network as in claim 41 wherein $N1$ equals $N2$.--

a2 cont --58. A network as in claim 41 wherein each of the KxK signal interconnect modules
comprises a plurality of substantially identical LxL interconnect modules where $L < K$ --